FLUENCY PRACTICE: System of Equations: Elimination C

Name:_____   Period:_____

Directions: Solve each system of equations by multiplying both equations and adding to find the intersection between each pair of equations. **Show all work!!!**

1.
$$5x + 3y = 22$$
$$3x + 2y = 14$$

2.
$$2x + 5y = -3$$
$$3x - 4y = 30$$

3.
$$4x + 7y = 27$$
$$6x + 2y = -2$$

4.
$$5x - 2y = -14$$
$$4x + 3y = -25$$

5.
$$2x - 5y = 17$$
$$3x + 4y = 14$$

6.
$$3x - 2y = -6$$
$$8x - 5y = -17$$

7.
$4x + 5y = 28$
$5x + 2y = 18$

8.
$9x + y = -60$
$5x - 6y = -53$

9.
$y = -\dfrac{2}{3}x + 8$
$5x - 4y = 14$

10.
$y = \dfrac{4}{3}x - 8$
$y = \dfrac{1}{2}x + 2$